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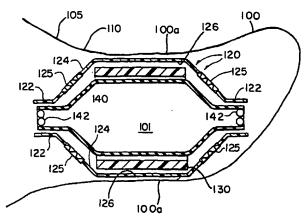
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

[Continued on next page]

(54) Title: EXPANDABLE IMPLANT DEVICES FOR FILTERING BLOOD FLOW FROM ATRIAL APPENDAGES



(57) Abstract: Implant devices for filtering blood flowing through the ostium of an atrial appendage have component structures one or more of which are expandable. Devices with component structures in their unexpanded state have a compact size suitable for intra-cutaneous delivery to an atrial appendage situs. The expandable component structures are expanded in situ to deploy the devices. A device may have sufficiently short axial length so that most or almost all of the device length may fit within the ostium region. An expandable component structure in the device may include a blood-permeable filter element. The device may be deployed so that this component structure covers the ostium so as to direct the blood flow to pass through the filter element. The filter elements used in the devices may have hole size distributions selected to filter out harmful-size emboli. The filter elements may be embedded in elastic material so that hole-size distributions remain substantially unaffected by expansion of the device structures. Anchors attached to a component structure engage tissue surrounding the device and maintain the devices in position. The anchors may include inflatable anchors which engage interior walls of the atrial appendage.

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61F2/01						
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B. FIELDS	SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61F						
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C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with Indication, where appropriate, of the rele	evant passages	Relevant to claim No.			
X	WO 00 27292 A (MV MEDICAL DEVICES, INC.) 18 May 2000 (2000-05-18) the whole document		1,2,5,6, 18-20, 22-26, 33,34, 36,37, 40-42, 44,45			
Furt	her documents are listed in the continuation of box C.	X Patent family members are listed	in annex.			
Special categories of cited documents:						
'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claimon or other special reason (as specified) 'I' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to hvolve an inventive step when the document is taken alone cannot be considered to invention cannot be considered to inventive step when the claimed invention cannot be considered to inventive step when the claimed invention cannot be considered to involve an inventive step when the						
"O" document referring to an oral disclosure, use, exhibition or other means document is combined with one or more other such document of the means and document is combination being obvious to a person skilled in the art.						
later than the priority date claimed *& document member of the same patent family						
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INTERNATIONAL SEARCH REPORT

mational application No. PCT/US 01/25920

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)				
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1. X Claims Nos.: 13-17, 21, 27-32, 38, 39, 48, 49 because they relate to subject matter not required to be searched by this Authority, namely:				
Rule 39.1(iv) PCT — Method for treatment of the human or animal body by surgery				
Claims Nos.: because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:				
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)				
This international Searching Authority found multiple inventions in this international application, as follows:				
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.				
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				

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WO 0027292 A	18-05-2000	US 6152144 AU 1715300 CN 1342056 EP 1135068 WO 0027292	A 29-05-2000 T 27-03-2002 A1 26-09-2001